Bedienungsanleitung

Instruction Leaflet

Jagd Repetierer der Serie 1700

Hunting repeaters of the series 1700

Bitte sorgfältig lesen, bevor Sie dieses Gewehr zusammenbauen oder benutzen.
Please read carefully before you assemble or operate this rifle.

ANSCHÜTZ®

DIE MEISTER MACHER

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DIE MEISTER MACHER

Begriffsbestimmungen / Definitions

1	Schaftbacke	1	Cheek piece
2	Kammergriff	2	Bolt handle
3	Sicherung	3	Safety
4	Schloss	4	Bolt
5	Verschlusshülse	5	Action
6	Patronenauswurfbereich	6	Ejection area
7	Visierung	7	Sight set
8	Lauf	8	Barrel
9	Mündung	9	Muzzle
10	Riemenbügel	10	Sling swivel
11	Fischhaut	11	Checkering
12	Magazin	12	Magazine
13	Abzugsbügel	13	Trigger guard
14	Abzug	14	Trigger
15	Schaft	15	Stock
16	Schaftkappe	16	Butt plate

Preface

Dear Friends of ANSCHÜTZ,

You have made a good choice, now that you have decided to buy an ANSCHÜTZ product. The many great results obtained with ANSCHÜTZ rifles by shooters, participants in the Olympic Games as well as in World and European championships throughout the world made your choice easy, as your rifle has benefited from our great experience of making fine sporting and target rifles since 1856. World-wide, ANSCHÜTZ rifles are respected because of their fine accuracy, impeccable design and immaculate workmanship. Should you still be unaware, they include:

The famous ANSCHÜTZ small bore target rifles, target air rifles and target air pistols, small bore biathlon rifles, hunting rifles and shotguns in diverse calibers, small bore single loaders and repeaters, Flobert rifles, silhouette pistols, silhouette rifles and Varmint rifles.

Safety instructions

⚠ Attention:

Please read carefully the following articles before using this rifle. It is extremely important that you become thoroughly familiar with this rifle and its operating characteristics by carefully reading and understanding the instructions in this booklet before you attempt any use of it with ammunition. Always remember the sequence of disassembly. Should you still have problems with the safe usage and correct handling of your rifle or should you have additional questions, please do not hesitate to contact a competent gunsmith or dealer or our factory directly. This instruction leaflet is extraordinarily important. Make sure that it is always with the rifle especially when it is sold, lent or otherwise given to a third person.

Only use as follows:

ANSCHÜTZ manufactures precision products which, depending on the model type, are exclusively meant for civilian target shooting and hunting.
Combat and defense shooting and competitions in which the shooter moves while shooting, must not be shot with ANSCHÜTZ rifles and pistols. It is especially not allowed to aim and shoot at people. The rifle, pistol or the stock must not be used to beat somebody. Please also see the chapter „The Ten Commandments of Pistols Safety" as well as the chapter „General handling of rifles and pistols".

Additional copies of this booklet can be ordered.

This ANSCHÜTZ firearm has been carefully test fired and inspected before shipment from the factory. The mechanism of this firearm has been properly designed, tested and fitted with the utmost attention to safety. However, any mechanical device can fail and no such device can prevent accidents caused by carelessness or thoughtless handling. ANSCHÜTZ cannot control the handling of each firearm once they have left the factory. Please take the time to inspect the firearm carefully before use.

DO NOT USE ANY FIREARM WITHOUT A COMPLETE KNOWLEDGE AND UNDERSTANDING OF IT'S SAFE USE AND PROPER HANDLING CHARACTERISTICS.

Warning:

This rifle can be dangerous if it is not used correctly or if this instruction leaflet is not observed. The privilege of ownership and safe use of your rifle carries a personal responsibility that no one should take lightly. Rifle accidents would not occur if the following rules of shooting safety were observed.

The Ten Commandments of Pistols Safety

- Learn the mechanical and handling characteristics of the firearm you are using.
- Always keep the muzzle pointed in a safe direction.
- Pistols should be unloaded when not in use.
- Be sure the barrel is clear of obstructions before using.
- Be sure of your target before you shoot.
- Wear shooting glasses and ear protection when you shoot.
- Never climb a tree or fence with a loaded firearm.
- Don't shoot at a hard surface or at water.
- Never transport a loaded firearm.
- Avoid alcoholic beverages or drugs and don't smoke when shooting or handling a gun or a pistol.

Please note:

There is no substitute for personal responsibility and common sense in the handling, use and storage of pistols. Securely store your unloaded guns away from access by children or unauthorized adults.

General handling of rifles and pistols

Although it can be assumed that shooters are familiar with the following rules we would like to emphasize them once again for reasons of safety. All pistols are hazardous objects. Extraordinary care has to be dedicated to their use and storage.

1. Treat every rifle as though it was loaded. Do not take anyone's word or automatically assume it is not loaded. Check your rifle personally each time you handle it. The safe and courteous way to carry a rifle when you are with others is to leave the bolt open so that they can easily see that the rifle cannot be fired. Make sure that the rifle is not loaded when you stop shooting. Make sure your rifle is unloaded before every transport. Never pick up your rifle with your finger on the trigger or the trigger guard.

2. Whenever you pick up your rifle, point the muzzle at the ground. Always point the muzzle of the barrel in a safe direction. Never pull a rifle towards you by the muzzle.

3. Only use your rifle in approved shooting ranges. Shoot your rifle only under good visibility and daylight conditions. If you use

your rifle in an indoors range, make sure it is adequately ventilated. Make sure that there is a safe bullet trap which can be seen from all sides and that there is no one in the vicinity of your target. Be absolutely sure of a safe backstop and target. Never fire at a hard, smooth surface or water. Never shoot at a skyline target or into the air. Do not shoot at anything from which a bullet might ricochet. Never fire your rifle with the muzzle in the water or against any other material to avoid an accident or damage of your rifle.

4. Be sure that you use the correct ammunition. The correct caliber can be seen on your rifle. Load your rifle only when you are at the range and ready to shoot. Use only genuine ANSCHÜTZ magazines. Do not exceed the stated magazine capacity. Alterations to the rifle or the use of non-ANSCHÜTZ magazines and accessories may cause malfunctions.

5. Always keep your rifle clean. Be sure the bore is not obstructed by dirt, water, grease or any other foreign materials. Never try to shoot out any obstruction. If a shot has not been released when the trigger has been pulled, direct the barrel in a safe direction, activate the safety, open the action and carefully remove the bullet.

6. Serious injury and damage can result from the use of the wrong ammunition, bore obstructions, or incorrect cartridge components.

7. Place the safety fully into „S" or „F" position - never inbetween. Always keep safety in full „safe" position until ready to fire. Do not put your finger on the trigger when operating the safety or whenever you are not ready to shoot.

8. When not in use your rifle should be stored in a locked and secure place accessible only to you. Check first to make sure it is unloaded. Store the rifle with uncocked trigger. Store ammunition in a separate and secure place. It is your special responsibility to make sure that at all times and especially when you are not present your rifle is well secured, out of any reach of children and other unauthorized persons and in no way accessible to them. For the safe storage of your rifle even in a locked cabinet or safe the use of an additional trigger lock is recommended. Even if you use such a device, your rifle always must be unloaded when not being used.
Only give your rifle to authorized persons. Never let your rifle be used by anyone who is not familiar with the safe handling of a rifle and these instructions. This rifle must only be used by a responsible adult or under his or her supervision.

9. Watch for any change in the operation of your rifle which might impair its safety.The safety is only guaranteed as long as the firearm is in faultless condition. If you suspect or note a defect or malfunction, stop using it immediately, unload the rifle, make sure that it is not under pressure and send it to a competent gunsmith, the factory or its recommended repair station for inspection.
Note: Apart from normal cleaning the rifle must only be disassembled by an authorized gunsmith.Please note that your firearm must also be checked by an authorized gunsmith when it has been impaired by external conditions such as

corrosion etc. or when it dropped. When you assemble or disassemble your firearm, never try to do it by force. Unqualified handling or disassembly can cause injuries or irreparable damage of the rifle.

10. Your rifle should always be handled with extreme care. Make sure that it is never dropped or placed in such a way that it can fall. For transport purposes your rifle should be dry and clean. We recommend an approved protective gun case.

11. You must be in good physical condition and mental health and not under the influence of any substance (drugs, alcohol) which might impair vision, dexterity or judgement. Do not use your rifle when you are tired. Tiredness may result in a loss of control.

12. Clean your hands carefully after shooting and cleaning your ANSCHÜTZ product. Residues of bullets, powder or oil might impair the health of your skin.

13. Your ANSCHÜTZ rifle has been carefully built and inspected by skilled technicians to provide maximum efficiency. The service life depends on the owner's care and on cleaning following this instruction leaflet.

Ear and eye protection

You should always use approved hearing protection and approved shatterproof eye protection while shooting. Please remember persons near you to also wear hearing protection and approved shatterproof eye protection.

Laws

Please observe the corresponding regulations and laws for the use of pistols in your country. Please also observe the corresponding safety rules of sports shooting.

Product related safety instructions

Important note for the handling of rifles:

1. Unload your rifle immediately if you do not intend to continue shooting. Remove the bolt or leave it open at least. In the case of a repeater remove the magazine as well. Make sure there is no cartridge left in the chamber.

2. Make sure there is nobody in the area of case ejection.

3. If you store the rifle remove the bolt and store the bolt uncocked in a separate place.

Important note for the handling of ammunition:

1. Exclusively use clean, factory loaded and new ammunition in the caliber approved for your rifle and which corresponds to the regulations of C.I.P. and SAAMI.

2. Be aware that the range of a bullet starting from cal. .17 HM2 or cal. .22 l.r. might be 1.6 km or even longer. Therefore also be sure of the safety of the impact area.

Liability

1. ANSCHÜTZ does not assume any responsibility or payment of damage claims for damages of any kind resulting from the disregard of these instructions, non-qualified treatment or repair, the use of non-original ANSCHÜTZ spare parts, incorrect handling or care, negligence, removal of the knot varnish or unauthorized modifications.

2. The wood of the stock or grip as well as the PRO grip equipment have been very carefully checked by factory inspectors prior to shipment and has been determined to be free of defects. Certain kinds of abuse, such as a dropping or falling down can cause damage to the wood for which the owner is solely responsible. We also assume no responsibility for defects resulting from inappropriate transportation (mail, plane, etc.). Please immediately contact your forwarder in such a case.

3. Changes, alterations or manipulations to this product or any of its parts are prohibited and might infringe pistols regulations. Such changes or alterations can significantly impair the safe use of our product and can lead to accidents involving severe or even fatal bodily injuries. Any product warranty will automatically lapse in case changes or alterations are implemented. Users are requested to carefully inspect the product with regard to possible changes and alterations before use. In case of doubt you should contact us for further information.

Hunting Repeaters of the Series 1700 (Barreled Action Match 54)

Technical data:

Please find the model type on the barrel and the serial number on the receiver.

1702

Caliber:	.17 HM 2
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	5-shot

1710

Caliber:	.22 l.r.
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	5-shot

1712 / 1712 FWT

Caliber:	.22 l.r.
Barrel length:	55 cm / 22"
Total length:	104 cm / 41"
Weight approx.:	3.3 kg / 7.3 lbs
Magazine:	5-shot

1717

Caliber:	.17 HMR
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	4-shot

1720

Caliber:	.22 Win. Mag. R.F.
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	4-shot

1730

Caliber:	.22 Hornet
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	5-shot

1740

Caliber:	.222 Remington
Barrel length:	58 cm / 23"
Total length:	108 cm / 43.5"
Weight approx.:	3.4 kg / 7.5 lbs
Magazine:	3-shot

1740 E

Caliber:	.222 Remington
Barrel length:	58 cm / 23"
Total length:	107 cm / 43"
Weight approx.:	3.9 kg / 8.6 lbs
Version:	Single loader

Heavy Barrel rifles are approx. 0.3 kg / 0.6 lbs heavier.

Assembly, fitting the ANSCHÜTZ barreled action

The stock and the barreled action are packed separately for shipment and need to be assembled. However, do not do this until you have followed all the procedures listed below.

- Wipe away excess oil from the surface of the barreled action.
- Insert the bolt and make sure that the safety catch at rear of the bolt is parallel to the bolt handle. If not, hold the bolt at the bolt handle and press the safety catch upwards. Holding the bolt handle horizontal, insert bolt in the receiver and push smartly forward. Make sure not to damage the stock when inserting the bolt. Please also see chapter „ANSCHÜTZ bolt".
- Pull a cleaning patch through the barrel from the chamber towards the muzzle several times.

Cocking, loading and safety operation

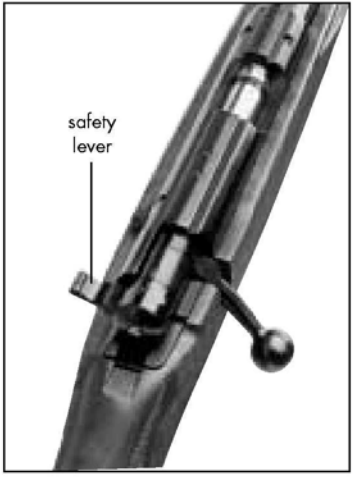
- Degrease the bolt and the interior of the barrel without leaving lint.
- Open the reinserted bolt and pull it back to the stop.
- Now push the bolt forward to close the breech. A cartridge from the magazine is fed into the chamber of the barrel. Now push the bolt handle completely downwards. The bolt is now cocked, the rifle is ready for shootihng.
- After firing, lift the bolt handle and pull the bolt fully to the rear. This will cock the bolt again and eject the empty case.

The lateral safety can be operated in cocked condition.
The rifle is

- safe, when the safety wing is at the left stop so that the „S" (safe) is visible.
- ready for shooting when the safety wing is at the right stop. The letter „F" is visible on the safety wing (see picture – the rifle is ready for shooting).

Please note:

The safety lever must latch properly in the „F" or in the „S" position. The lever must never be situated between the two. When the safety wing is actuated, the trigger must not be touched. The trigger must not be released either when the safety wing is in the „S" position.



Unloading

For safety reasons the rifle must immediately be unloaded if you intend to stop shooting. Remove the magazine and open the bolt. This will eject the cartridge. Please also see safety instructions for the handling of rifles and pistols.

Magazine

- Remove the magazine from the magazine well.
- Push the cartridges with the head first into the magazine.
- Push the magazine into the magazine well until you hear that the magazine holder has caught the magazine.
- Now open the bolt completely, push it forward and lock it. Thus the first cartridge of the magazine is fed into the barrel, the firing pin is cocked. The rifle is now ready for shooting.

Bolt

The ANSCHÜTZ bolt

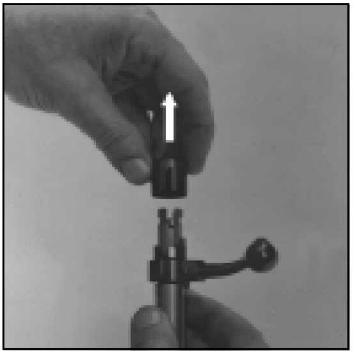
The ANSCHÜTZ bolt is designed to be extra strong and reliable and is manufactured to the closest tolerances. Bolt and cam are lapped to assure very smooth operation. It has a double locking device. When the wing safety is in the down position both the firing pin and the bolt handle are locked. When it is in the horizontal position the rifle may be fired and/or the bolt handle raised to operate the bolt. Due to a short firing pin travel and a low-weight firing pin the lock time is very fast.

To disassemble the bolt

Make sure the rifle is pointed in a safe direction, remove the magazine and make sure that the cartridge chamber is completely clear. Then raise the safety to the horizontal position and pull the bolt back towards you as far as possible.

- Depress bolt stop on left side of receiver and pull bolt out to the rear. This removes the bolt from the receiver.

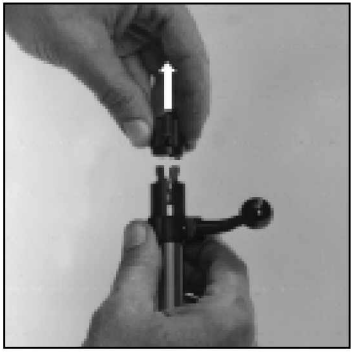
- Hold the bolt as shown and turn the bolt handle clockwise and the wing safety counter-clockwise as far as they will go.



⚠ **Caution:**

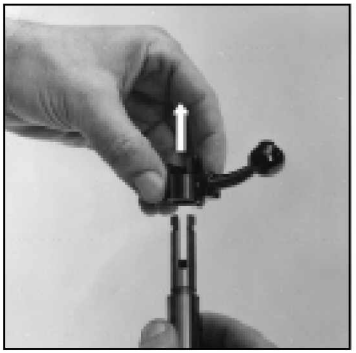
- For rifles in cal. .222 Rem. depress the catch at the base of the bolt handle as shown.

- Next remove sleeve



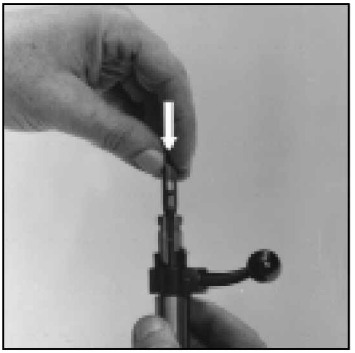
- Hold bolt with safety up and remove safety with signal pin and spring as shown.

- Now remove the firing pin assembly.

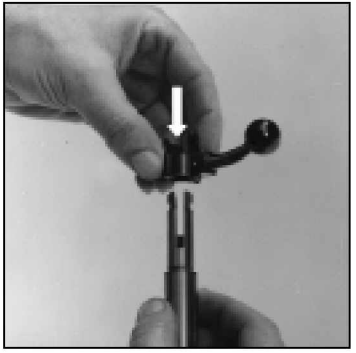


• Then remove the bolt handle assembly.

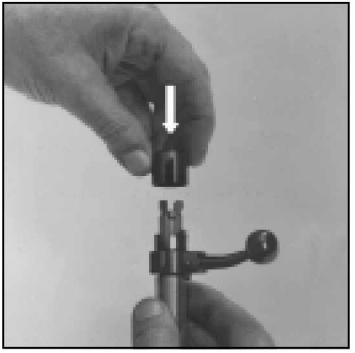
To re-assemble the bolt
Follow the disassembly procedure in reverse order as follows.



• Replace the firing pin assembly and make sure that the lug lines up with the longer slot in the bolt body and the bottom of the recess at the bolt handle as shown.

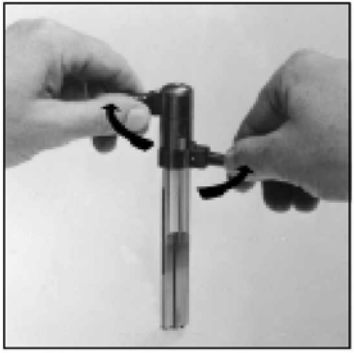


• Replace bolt handle as shown.



• Replace the sleeve and make sure that the slot in the sleeve lines up with the firing pin lug.

- Replace the safety with the signal pin and spring and make sure that the safety wing lines up with the firing pin lug and that the signal pin is properly seated.



- Turn the bolt handle counter-clockwise and the wing safety clockwise as fas as they will go. The bolt is now assembled and cocked.

- With the bolt handle slightly above horizontal replace the bolt in the receiver and close the bolt.

- The bolt is now cocked and in firing position. To unclock the bolt lift the bolt handle as high as it will go, depresse the trigger as far as it will go and place the bolt handle down. The bolt is now closed and uncocked. The signal pin at the rear of the bolt should not project showing that the bolt is now uncocked.

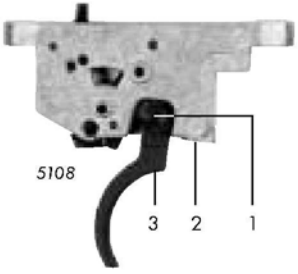
Trigger

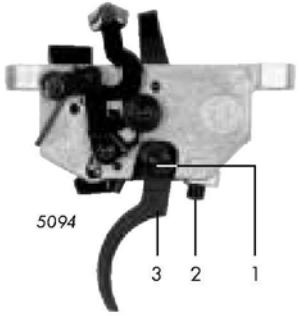
Warning:

Your ANSCHÜTZ trigger offers you a variety of individual adjustment possibilities. Please note that your rifle always must be unloaded when any adjustment is carried out.
Please see the adjusting range for the referring model from the trigger chart. It might be necessary to remove the stock from the barreled action for adjustments at the trigger.
Trigger adjustments must only be carried out by an authorized gunsmith. Modifications at factory-set triggers might cause severe injuries or death.

Please also see the chapter „General handling of rifles and pistols".

Two and single stage triggers





1. Trigger weight

Adjust the trigger weight with set screw No. 2:

- if you turn it to the right (clockwise): trigger weight is increased (+)
- if you turn it to the left (counter-clockwise): trigger weight is decreased (-)

Trigger weight and first stage weight depend on each other with regard to the mechanic mechanism. If one of them is changed there will always be a corresponding change of the other as well.

2. Sear engagement

The sear engagement is the distance between the second stage and the release of the trigger.

Important note:

To protect your precise trigger and to guarantee perfect operation you should always close the action carefully. If the sear engagement of single stage triggers is too small and the trigger weight is too low or if the first stage of two-stage triggers is too short, the trigger might release inadvertently by a sudden impact or too powerful closing of the action if the gun is loaded and not in the "safe" position.

Adjustment of the sear engagement for assembled **two-stage triggers** with set screw No. 1:

- if you turn it to the left (counter-clockwise): sear engagement is shortened
- if you turn it to the right (clockwise): sear engagement is extended

Adjustment of an optimum sear engagement: Make sure your rifle is not loaded. Cock your rifle and release the trigger. Check if the trigger releases as desired.

The sear engagement is too long:
There is a small distance between the second stage and the release of the trigger.

- Turn set screw No. 1 counter-clockwise after cocking and releasing (approxi-

mately $^1/_8$ turn each).
- Repeat this process until you do not feel the second stage anymore. Then turn $^1/_4$ turn back to the right. Thus the optimum sear engagement is adjusted.

The sear engagement is too short:
There is no second stage. The trigger releases un-defined without second stage.

- Turn set screw No. 1 clockwise for at least $^1/_4$ turn after cocking. Then release the trigger and check if there is a second stage. If not, repeat this procedure until you feel a second stage.
- As soon as you feel a second stage proceed according to the points of the paragraph „The sear engagement is too long" to obtain an optimum sear engagement.

Adjustment of the optimum sear engagement for assembled **single stage triggers** with set screw No. 1:
- Cock the rifle.
- Turn set screw No. 1 (first stage) as long to the right until the trigger releases.
- Turn set screw No. 1 from this position approx. $^1/_4$ turn to the left.

Warning:

Single stage triggers are very sensitive and must be operated with special care.

The sear engagement of $^5/_{100}$ mm is obtained after the action is closed. In combination with a minimum trigger weight there might be a malfunction and an **increased risk (independent shot release).**

3. Malfunctions of the trigger due to wrong adjustment procedure

If the trigger is not adjusted correctly malfunctions may occur, tampering with the trigger adjustments will not result in any success. Therefore proceed as follows:
After every change the function of the trigger must be checked. When the malfunction is removed check the desired trigger values and adjust them again if necessary.

The trigger catches the cocking piston or firing pin, but the trigger does not release:

- Make sure that the safety of the trigger is released.

The trigger does not catch the cocking piston or firing pin:

- The first stage trigger is adjusted too tightly.
- Turn set screw No. 1 approx. 1-2 turns to the left. Procede according to par. 2.

4. Safety

There is a safety lever at the right side of the trigger. Please see chapter „Cocking, loading and safety operation".

5. Maintenance

Please see chapter „Cleaning, maintenance, care, oils".

Double set hunting trigger

The models of the series 1700 ST are equipped with a double set hunting trigger. The purpose of this trigger is to fire the shot with a minimum of trigger pressure (hair trigger). The double set trigger is operated as follows:

- Pull the rear trigger towards you until it engages with an audible click. The trigger is now cocked. CAUTION: If the release pressure of the double-set trigger is adjusted too low, the shot could go off by vibration. The release pressure is adjusted with the set screw (see picture). Turn counter-clockwise for higher pressure, clockwise for lower pressure. The double set trigger must only be adjusted by an authorized gunsmith.
- Once the trigger has been cocked the round can be fired by merely touching the front trigger (first trigger). Do not touch this trigger unless you really do wish to fire.

⚠ Attention:

Do not shake the rifle or expose it to vibrations once the trigger has been cocked. Stay at the place you wish to fire from because otherwise the round could be fired inadvertently. If you do not fire, uncock the trigger immediately. Never walk about with the trigger cocked. Before you load the rifle check that the trigger really does operate properly.

You should be able to fire a round in these following three ways:

- Pull the front trigger until the rifle fires.
- Push the rear trigger forwards towards the muzzle until the rifle fires.
- Normal way as described before under the description of the operation of the double set trigger.

Unclocking the double-set trigger when the rifle is loaded:

Extreme care must be exercised on uncocking the double-set trigger.

- Set the safety by pressing down the wing of the wing safety being located at the end of the bolt.
- Press it down until it comes to a stop. The graduated line must be straight in line with „S" (safe). Hold the rifle in such a position that no damage or injury is caused if a round is fired inadvertently.
- Unclock the double-set trigger by pulling the front trigger.

There is a further, silent method of uncocking the double-set trigger. Here, too, the safety lever must be set to prevent the rifle from firing.

- Pull the rear (second) trigger towards you with your middle finger to the stop and keep the trigger in this position.
- Now pull the front (first) trigger towards

you with your index finger to the stop and hold it there until you have slowly released the rear trigger and it has returned to its normal position.
- Afterwards slowly release the front trigger in the same manner.

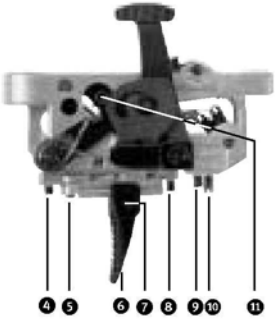
Note:

In both cases the bolt remains cocked. The trigger can be cocked again if desired.

⚠ Attention:

Exercise the greatest care when performing the foregoing actions. Practise several times with an unloaded rifle until you have thoroughly mastered the procedure and always ensure that the rifle is pointed in a safe direction at any time.

After firing, the empty case is ejected by opening the bolt. A new cartridge is loaded into the chamber by closing the bolt. Your rifle is now ready to fire the next round.



Match trigger

1. Trigger weight

Adjust the trigger weight with set screw No. 10 (silver screw):

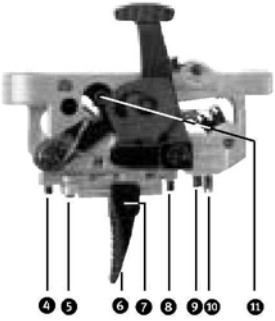
- if you turn it to the right (clockwise): trigger weight is increased (+)
- if you turn it to the left (counter-clockwise): trigger weight is decreased (-)

Trigger weight and first stage weight depend on each other with regard to the mechanic mechanism. If one of them is changed there will always be a corresponding change of the other as well.

To move trigger cam No. 11:

- lowest position of the trigger cam: lowest trigger weight
- highest position of the trigger cam: highest trigger weight

If the trigger weight is to be more than 200 g, the trigger cam No. 11 must be adjusted to



the highest position (turn it by 180° and fix it then). To do this you need a 2 mm hex key and perhaps tweezers.

- if you turn it to the left (counter-clockwise): You release the screw
- if you turn it to the right (clockwise): You tighten the screw

⚠ Attention:

Please ensure the trigger cam is positioned correctly. Be very careful tightening the small cam screw as it is easily broken!

Please check the sear engagement according to paragraph No. 3 when you have finished this process. It might have to be adjusted as well. The precise adjustments of the trigger weight and first stage weight are carried out with the set screws No. 10 (trigger weight) and No.9 (first stage weight).

2. First stage weight (only for two-stage triggers)

Adjust first stage weight with set screw No. 9 (black screw):

- if you turn it to the right (clockwise): first stage weight is increased (+)
- if you turn it to the left (counter-clockwise): first stage weight is decreased (-)

Trigger weight and first stage weight depend on each other with regard to the mechanic mechanism. If one of them is changed there will always be a corresponding change of the other as well.

⚠ Attention:

Do not reduce either trigger weight screw to zero or lower as the trigger pull may become erratic.

3. Sear engagement

The sear engagement is the distance between the second stage and the release of the trigger.

Important note:

To protect your precise trigger and to guarantee perfect operation you should always close the action carefully. If the sear engagement of single stage triggers is too small and the trigger weight is too low or if the first stage of two-stage triggers is too short, the trigger might release inadvertently by a sudden impact or too powerful closing of the action if the rifle is loaded and not in the "safe" position.

Adjustment of the sear engagement for **two-stage triggers** with set screw No. 5:

- if you turn it to the right (clockwise): sear engagement is shortened
- if you turn it to the left (counter-clockwise): sear engagement is extended

Adjustment of an optimum sear engagement: Make sure your rifle is not loaded. Cock your rifle and release the trigger. Check if the trigger releases as desired.

The sear engagement is too long:
There is a small distance between the second stage and the release of the trigger.

- Turn set screw No. 5 clockwise after cocking and releasing (approximately $^1/_8$ turn each).
- Repeat this process until you do not feel the second stage anymore. Then turn $^1/_5$ turn back to the left (counterclockwise). Thus the optimum sear engagement is adjusted.

The sear engagement is too short:
There is no second stage. The trigger releases un-defined without second stage.

- Turn set screw No. 5 counter-clockwise for at least $^1/_4$ turn after cocking. Then release the trigger and check if there is a second stage. If not, repeat this procedure until you feel a second stage.
- As soon as you feel a second stage proceed according to the points of the paragraph „The sear engagement is too long" to obtain an optimum sear engagement.

For the adjustment of the sear engagement for **single stage triggers** with set screw No. 5 see point 7:

4. First stage (only for two-stage triggers):

The single stage is the distance between the trigger blade from zero position to the second stage.
Adjustment of first stage with set screw No. 4:

- if you turn it to the right (clockwise): first stage is shortened
- if you turn it to the left (counter-clockwise): first stage is extended

Caution:

Set screw No. 4 (first stage) can be turned past the second stage function. In this case the trigger does not work anymore. **Danger!** Do not under no circumstances remove the first stage completely in order to change the two-stage trigger into a single stage trigger.

5. Trigger stop:

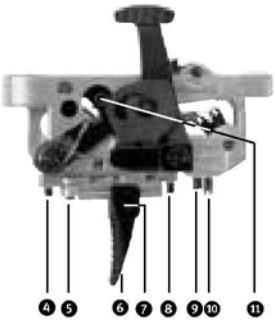
The trigger stop is the distance from the second stage to the stop of the trigger blade.

Adjustment of the trigger stop with set screw No. 8:

- if you turn it to the right (clockwise): overtravel is shortened
- if you turn it to the left (counter-clockwise): overtravel is extended

⚠ Attention:

The trigger stop set screw No. 8 can be turned over the second stage or first stage function. Malfunction (the trigger does not release)!



6. Adjustment of the trigger blade

- Loosen hex screw No. 7
- Trigger blade No. 6 can be moved in the longitudinal guide and can be tilted laterally.

7. Change of two-stage trigger into single stage trigger

Adjusting process:

- Turn first stage weight screw No. 4 counter-clockwise until you have reached the maximum first stage.
- Cock the rifle.
- Turn set screw No. 5 (first stage) counter-clockwise until the trigger releases.
- Turn set screw No. 5 from this position approx. $^1/_4$ turn clockwise.

The trigger is now adjusted to single stage operation, there is no more first stage.

STOP Warning:

Single stage triggers are very sensitive and must be operated with special care.

The sear engagement of $^5/_{100}$ mm is obtained after the action is closed. In combination with a minimum trigger weight there might be a malfunction and an **increased risk (inadvertent shot release).**

8. Change of single stage trigger into two-stage trigger

- Turn trigger stop set screw No. 8 approx. 2 $^1/_2$ turns to the left (counter-clockwise) (adjust max. trigger stop longer).
- Release the safety of the trigger and cock the rifle.
- Turn set screw No. 5 approx. 2 $^1/_2$ turns clockwise.
- You should now feel a second stage
- To adjust the optimum sear engagement proceed according to paragraph 3.
- Perhaps you have to adjust the first stage according to paragraph 4, the trigger stop according to paragraph 5, the trigger weight according to paragraph 1 and the first stage weight according to paragraph 2 to the desired values.

9. Malfunctions of the trigger due to wrong adjustment procedure

If the trigger is not adjusted correctly malfunctions may occur. Tampering with the trigger adjustments will not result in any success. Therefore proceed as follows:
After every change the function of the trigger must be checked. When the malfunction is removed check the desired trigger values and adjust them again if necessary.

The trigger catches the firing pin, but the trigger does not release:

- Make sure that the safety of the trigger is released.
- Check if there is a trigger cam and that it is attached correctly.
- The trigger stop set screw No. 8 is screwed in too much. Turn it a few turns to the left (counter-clockwise) until the cocking piston or firing pin will release again.

The trigger does not catch the cocking piston or firing pin:

- Set screw No. 4 (first stage) is screwed in too much.
- Check to see if the spring is correctly attached and not defective.

The first stage trigger is adjusted too tightly:

- Turn set screw No. 5 stepwise $^1/_4$ turn to the right (clockwise) until the firing pin is caught.

Catch rebound spring is too weak or defective:

- Send your trigger to the factory or your service center for inspection.

10. Safety

On the left side of the trigger there is a safety lever. Please see chapter „Cocking, loading and safety operation".

11. Maintenance

Please see chapter „Cleaning, maintenance, care, lubrication".

Item number	Model	Two stage trigger	Single stage trigger	Double set trigger	Adjusted to	Right hand version	Left hand version	For models
003793	5001			•	100 g	•		1416 ST, 1516 ST
003799	5004			•	100 g	•		1710 ST, 1730 ST, 1740 ST
003136	5007			•	100 g	•		1432 E ST, 1740 E ST
003886	5067/2		•		1.360 g	•		1451 D
700.6565	5073	•			200 g	•		1432 E, 1740 E
003988	5092	•			800 g	•		1416, 1417, 1516, 64 MPR, 64 P, 64 R
003989	5092 L	•			800 g		•	64 L MPR, 64 L P, 17 L P, 1416 L, 1417 L
003992	5094		•		1.200 g	•		1416 D, 1516 D, 1502 D, 1517 D, 1518 D
003996	5094 L		•		1.200 g		•	1416 L D, 1517 L D
003998	5095		•		1.300 g	•		1740 D
004007	5096 D		•		1.200 g	•		1710 D, 1712 D, 1717 D, 1720 D, 1730 D, 1702 D
002144	5103	•			1.500 g	•		64 MSR, 64 R Biathlon
002145	5103 L	•			1.500 g		•	64 L MSR, 64 L R Biathlon
007540	5106	•			700 g	•		1517 MPR, 1502 MPR
007679	5108	•			1.000 g	•		1710
007692	5109	•			1.000 g	•		1712
002800	5165		•		2.000 g	•		1365
002771	5175		•		1.500 g	•		525

Sight Set

Folding rear sight and tangent rear sight

1. Elevation of folding rear sight:

- Loosen slightly both screws at the rear sight
- Shots are too low: Raise the slide
- The shots are too high: Lower the slide

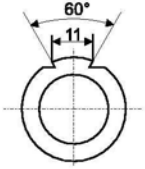
2. Elevation of tangent rear sight:

- Shots are too low: Raise rear sight elevator
- The shots are too high: Lower rear sight elevator

3. Windage of folding and tangent rear sight

To adjust windage to left or right tap the base of the rear sight in the opposite direction of the desired change of impact, using a soft metal such as aluminum or brass punch.

Scope mounts



All ANSCHÜTZ rifles have a grooved, 11 mm rail to accept mounts for a telescopic sight.

Cleaning, Maintenance, Care, Lubrication

Even after considerable use, your ANSCHÜTZ small bore match rifle will not require much attention - a tribute to its solid design, first class materials, well proven ANSCHÜTZ workmanship and precision. If you follow the recommendations below, you will help maintain the excellent performance of your rifle for a long time.

Regular care after every shooting:

- Please only use resin and acid free oils.
- Remove any residues from the barrel. Clean with a lint-free cloth or pull cleaning cords several times through the barrel from chamber to muzzle to remove deposits. Subsequently pull a slightly oiled, lint-free cloth or cleaning cords through the barrel to avoid corrosion.
- Clean the bolt and the loading tray with a slightly oiled cloth.
- Make sure that the metal parts of your rifle are protected against corrosion by a slight oil film. Do not use exessive oil.
- Remove the oil film with a dry cloth or cleaning cords before you shoot again.
- Some ammunition leaves corrosive particles in the barrel. Therefore you should thoroughly clean and oil the barrel each time immediately after shooting to avoid corrosion.

Accessories

Please ask for our catalog or take a look at our websites under www.anschuetz-sport.com or www.anschutz-sporters.com.

Warranty

A warranty of 2 years will be issued. Parts which are subjected to wear are not part of this warranty. In the case of warranty we substitute the defective parts free of charge. Cases of warranty will only be accepted if the article in question and the corresponding purchase receipt plus filled-in warranty card are presented. Warranty will not be accepted if changes or repair works have been carried out by persons who are not authorized, if the ANSCHÜTZ product is not used correctly, if unlawful modifications or manipulations have been carried out, if any knotting has been damaged or if non-ANSCHÜTZ original parts were used.

In addition a damage to your ANSCHÜTZ product is not subject to warranty if it is due to an ignorance of this instruction leaflet or improper care or treatment.

We wish you much pleasure and success with your ANSCHÜTZ product and would be pleased if you could let us have your ideas on our products and the design of this instruction leaflet.

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ANSCHÜTZ
DIE MEISTER MACHER

FABRIKATIONS-NR.:
Serial-No. / Numéro de série:

DATUM DES VERKAUFS:
Date / Date d'achat:

GEKAUFT BEI:
This item was bought from / Détaillant:

Stempel und Unterschrift des Fachhändlers
stamp of dealer / timbre du détaillant

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DIE MEISTER MACHER

Serial-No.

Date / Date d'achat:

This rifle was bought from:

Stamp of dealer

USA

Factory Service & Repair Centers USA

Congratulations on the purchase of one of the world's greatest pistols. To obtain service or repair for your ANSCHÜTZ product send the gun together with the filled-in warranty card freight prepaid to the National Service Center for ANSCHÜTZ at the following address:

Gunsmithing, Inc.
30 West Buchanan Street
Colorado Springs, CO 80907
Phone (719) 632-3795
Fax (719) 632-3493

10-Ring Service, Inc.
2227 West Lou Drive
Jacksonville, FL 32216
Phone (904) 724-7419
Fax (904) 724-7419

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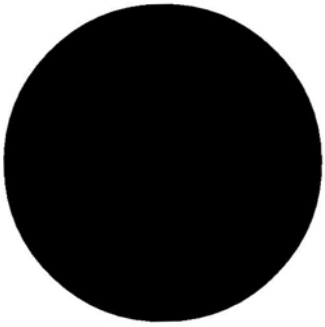

Fabr.-Nr.:
Serial No.: .....

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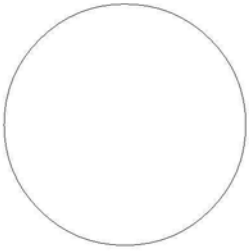
Originalschussbild Ihres Gewehres auf 50 m
Original group of your rifle at 50 m / 55 yards



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